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AMSAT NEWS SERVICE
ANS-283

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to: ans-editor(a)amsat.org

You can sign up for free e-mail delivery of the AMSAT News Service Bulletins via the ANS List; to join this list see: https://mailman.amsat.org/postorius/lists/ans.amsat.org/

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ANS-283 AMSAT News Service Weekly Bulletins

To: All RADIO AMATEURS
From: Radio Amateur Satellite Corporation
712 H Street NE, Suite 1653
Washington, DC 20002

DATE 2021 OCT 10

Four CubeSats Deployed from ISS

JAXA announced four CubeSats deploy from ISS on October 6 with J-SSOD. The satellites are Binar-1, Maya-3, Maya-4 and CUAVA-1. All four satellites operate in Amateur Radio bands.

The four CubeSats launched and their descriptions are as follows:

Binar-1
1U CubeSat
Country of Origin: Australia
Downlink: 437.292MHz, 435.810MHz 19k2 GMSK
Uplink: 435.810MHz
http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=730
https://www.binarspace.com/

Maya-3, Maya-4
1U CubeSat
Country of Origin: Philippines (Part of the BIRDS Project)

Downlink: 145.825MHz APRS, 437.375MHz CW, 4k8 GMSK
http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=711
http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=712
https://stamina4space.upd.edu.ph/upcoming-satellites/maya-3and4/

CUAVA-1
3U CubeSat
Country of Origin: Australia
Downlink: 437.075MHz 9k6 GMSK, 2440.000MHz, 5840.000MHz, 76.750GHz high speed
Uplink: 145.875MHz, 2404.000MHz, 5660.000MHz, 76.750MHz
http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=671
https://www.cuava.com.au/projects/cuava-1/

[ANS thanks Masahiro Asai, JN1GKZ for the above information.]

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- Reviewing, understanding, and creating requirements
- Project management
- Necessary licensing
- The different types of launch providers and opportunities
- Typical functional and space environment testing

In addition to advising students in technical engineering work, staff members work closely with the students to teach best practices with regard to project management, as well as general laboratory management. The staff provides continuity for laboratory operations, allowing for smooth transition of institutional knowledge in an environment that has high turnover in the student workforce. Over the course of their careers, CPCL staff members have integrated over 160 CubeSats on 25 missions and 12 different launch vehicles .

Interested parties should contact cubesat(a)calpoly.edu for more information and to schedule a training session for their group.

[ANS thanks Cubesat.org for the above information.]

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Thanks to Space-Track and Celestrak for the identifications.

Additionally, four additional cubesats are waiting suitable weather conditions to be placed in orbit by JAXA Epsilon rocket in Japan. The next opportunity will be Friday morning. The satellites are TeikyoSat-4, Z-Sat, KOSEN-1, and NanoDragon.

The following satellites have decayed from orbit and have been removed from the AMSAT TLE Distribution:
Raavana-1 - NORAD Cat ID 44329 (Decay Epoch 10-03-2021)
Uguisu   - NORAD Cat ID 44330 (Decay Epoch 10-07-2021)
NepliSat-1 - NORAD Cat ID 44331 (Decay Epoch 10-03-2021)

[ANS thanks Ray Hoad, WA5QGD, AMSAT Orbital Elements Manager, for the above information.]

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4:00pm CDT â€“ 5:00 pm CDT â€“ 2020 AMSAT Annual General Meeting

Questions regarding the Symposium can be directed to info at amsat dot org.

[ANS thanks Paul Overn, KE0PBR, AMSAT Events page manager, for the above information.]

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* Societies (a recognized group, clubs or organization).
* Primary and secondary school students are eligible for membership at one-half the standard yearly rate.
* Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status.
* Memberships are available for annual and lifetime terms.

Contact info [at] amsat.org for additional membership information.

73 and remember to help Keep Amateur Radio in Space!

This week's ANS Editor, Frank Karnauskas, N1UW
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Cheers,

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